

CLAIMS

What is claimed is:

1. A cassette (10, 10', 100), comprising:

a frame member (12) having at least two sides; and

a reinforcement material (22) suspended by the at least two sides of
said frame member (12) such that the reinforcement material (22) is positioned at a
5 predetermined location when placed in a mold tool (50, 52).
2. The cassette of Claim 1, further comprising a shear plane (48) located
at an intersection of the frame member (12) and a layer (46) of material of an interior
trim panel.
3. The cassette of Claim 2, further comprising a knife edge (54) on the
frame member (12).
4. The cassette of Claim 1, wherein said frame member (12) includes a
spacer lug (28) for positioning said reinforcement material (22) at the predetermined
location within the mold tool.
5. The cassette of Claim 1, wherein the at least two sides are two
opposing sides, and wherein the reinforcement material (22) is secured to the two
opposite sides of the frame member (12).
6. The cassette of Claim 1, further comprising an outer cassette member
(80) for positioning the reinforcement material (22) outside a tear seam (90) of the
trim panel.
7. A cassette (10, 10', 100), comprising:

a frame member (12) having an opening (38); and

a reinforcement material (22) suspended across the opening (38) of
said frame member (12) such that said reinforcement material (22) is positioned at a

5 predetermined location when said frame member (12) is positioned within a mold tool (50, 52).

8. The cassette of Claim 7, further comprising a shear plane (48) located at an intersection of the frame member (12) and a layer (46) of material of an interior trim panel.

9. The cassette of Claim 8, further comprising a knife edge (54) on the frame member (12).

10. The cassette of Claim 7, further comprising at least one spacer lug (28) for positioning the reinforcement material (22) at the predetermined location.

11. The cassette of Claim 7, wherein the reinforcement material (22) is secured to two opposite sides of the frame member (12).

12. The cassette of Claim 11, wherein the reinforcement material (22) is secured by encapsulating a portion of the reinforcement material (22) within the frame member (12).

13. An interior trim panel, comprising:

a layer (46) of material, and

a cassette (10, 10', 100) disposed within the layer of material, the cassette including a frame member (12) having at least two sides, and a reinforcement
5 material (22) encapsulated and suspended by the at least two sides of said frame member (12),

wherein the reinforcement material (22) is positioned at a predetermined location within the layer of material.

14. The interior trim panel of Claim 13, further comprising a shear plane (48) defined at an interface between the frame member (12) and the layer (46) of material.

15. The interior trim panel of Claim 13, wherein the cassette further comprises at least one spacer lug (28) for positioning the reinforcement material (22).
16. The interior trim panel of Claim 13, wherein the frame member (12) includes two opposing sides, and wherein the reinforcement material (22) is secured to the two opposite sides of the frame member (12).